

ABSTRACT OF THE DISCLOSURE

The invention provides an information recording medium, an information playback apparatus, an information playback method, an information recording apparatus and an information recording method which may be applied typically to an optical disk system and by which multi-value recording in a high density can be achieved while preventing an increase of the error rate effectively and tracks can be formed in a comparatively small track pitch in multi-value recording while minimizing crosstalk. The dc component and high frequency components of a multi-value signal are suppressed within a range within which intersymbol interference does not occur between adjacent data to produce a modulation signal, and the modulation signal is recorded as a displacement of a groove wall face or the like. Further, tracks are formed such that the track pitch normalized with a resolving power may fall within a range from 0.44 to 0.60.